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**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Serial No. : To be assigned (U.S. National  
Phase of PCT/JP03/11972)

Applicant : Shigeru KANAOKA

Filed : Concomitantly Herewith

For : METHOD OF DETECTING  
COLON CANCER MARKER

Docket No. : 05596/HG

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**INFORMATION DISCLOSURE STATEMENT**  
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S I R :

Submitted herewith are the following:

(1) A copy of the International Search Report for  
PCT/JP03/11972;

(2) A copy of each of the publications cited in said  
International Search Report for PCT/JP03/11972; and

(3) Form PTO/SB/08B.

Each of the cited publications is considered relevant or  
material to the patentability of the present invention in view of  
the citation thereof in said International Search Report.

Appl. No. (based on PCT/JP03/11972)  
Information Discl. Statement dated September 14, 2005

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Said International Search Report is in English, thereby satisfying the requirements for a concise explanation of relevance for each cited publication.

The Davidson et al. and Yamao et al. publications cited in the enclosed International Search Report are also discussed on page 2 of the present specification.

It is respectfully requested that the Examiner return a copy of the enclosed Form PTO/SB/08B with the Examiner's initials in the left column to indicate that the attached publications have been considered and made "of record."

Respectfully submitted,



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|-----------------------------------------------------------------------------------------------|---|----|---|------------------------|--|---------------------------------------------------------------------------|--|
| Substitute for Form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    |   | Application Number     |  | To be assigned to U.S. National Phase of PCT/JP03/119727 <b>10/549389</b> |  |
|                                                                                               |   |    |   | Filing Date            |  | Concomitantly Herewith                                                    |  |
|                                                                                               |   |    |   | First Named Inventor   |  | Shigeru KANAOKA                                                           |  |
|                                                                                               |   |    |   | Group Art Unit         |  |                                                                           |  |
|                                                                                               |   |    |   | Examiner Name          |  |                                                                           |  |
| Sheet                                                                                         | 1 | of | 1 | Attorney Docket Number |  | 05596/HG                                                                  |  |

**OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

| Examiner Initials <sup>1</sup> | Cite No. <sup>1</sup> | Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | T <sup>2</sup> |
|--------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|                                |                       | <p>Hiroki NAKAGAWA, "Bio Jikken Illustrated 2 Idenshi Kaiseki no. Kiso", Shujunsha Co., Ltd., 25 September 1995, pp. 153 to 166.</p> <p>L.A. DAVIDSON et al., "Non-invasive detection of fecal protein kinase C <math>\beta_{II}</math> and <math>\zeta</math> messenger RNA: putative biomarkers for colon cancer," CARCINOGENESIS, Vol. 19, no. 2, (1998), pp. 253 to 257.</p> <p>T. YAMAO et al., "Abnormal Expression of CD44 Variants in the Exfoliated Cells in the Feces of Patients With Colorectal Cancer," GASTROENTEROLOGY, Vol. 114, No. 6, (1998), pp. 1196 to 1205.</p> <p>R.L. ALEXANDER et al., "Purification of Total RNA from Human Stool Samples," DIGESTIVE DISEASES AND SCIENCES, Vol. 43, No. 12, (1998), pp. 2652 to 2658.</p> <p>Hajime SANO et al., "Expression of Cyclooxygenase-1 and -2 in Human Colorectal Cancer," CANCER RESEARCH, Vol. 55, No. 17, (1995), pp. 3785 to 3789.</p> <p>S. KANAOKA et al., "Shou P-379 Potential of colorectal cancer screening by using RT-PCR method in which COX-2 from feces is used as a marker," JAPANESE JOURNAL OF GASTROENTEROLOGY, Vol. 99, special extra issue, 20 September 2002, page A634 Sho P-379.</p> |                |
| Examiner Signature             |                       | Date Considered                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                |

\* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Place a check here if English translation is attached.

**DATE MAILED: SEPTEMBER 14, 2005**

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